

Application No. 10/051,486
Attorney Docket 24457B

IN THE CLAIMS

Please amend the claims as presented below.

1. (currently amended) A laminated roofing shingle comprising:

an overlay having an underside and a plurality of spaced apart tabs, each one of said tabs having a leading edge, a first shadow line and a remaining portion, said tabs defining openings adjacent said tabs;

a layer of granules disposed on said first shadow line of said tabs and on said remaining portion of said tabs, ~~said granules on in a manner whereby~~ said first shadow line of said tabs ~~being~~ is substantially darker in color than ~~said granules on~~ said remaining portion of said tabs;

an underlay attached to said underside of said overlay to cooperatively form said laminated roofing shingle, said underlay having a leading edge, a second shadow line, and a remaining portion between said leading edge of said underlay and said second shadow line, said leading edge of said underlay generally co-aligning with said leading edge of said tabs, said underlay having a portion exposed through said openings defined adjacent said tabs; and

a layer of granules disposed on said underlay, ~~said granules on in a manner whereby~~ said second shadow line of said underlay ~~being~~ is substantially darker than ~~said granules on~~ said remaining portion of said underlay.

2. (original) A laminated roofing shingle according to claim 1, wherein each one of said tabs further has a trailing edge on a side of said remaining portion of said tabs opposite said leading edge of said tabs, said granules on said first shadow line and said granules on said shadow line on said trailing edge of said tabs being generally uniform in color, said shadow line on said trailing edge of said tabs being substantially narrow relative to said shadow line on said trailing edge of said underlay.

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3. (original) A laminated roofing shingle according to claim 1, wherein said first shadow line defines a minority portion of said tabs and said second shadow line defines a minority portion of said underlay, said remaining portion of said tabs defining a majority portion of said tabs and said remaining portion of said underlay defining a majority portion of said underlay.

4. (original) A laminated roofing shingle according to claim 1, wherein said overlay and said underlay are each formed from a base material comprising a fiberglass mat that has been coated with asphalt.

5. (original) A laminated roofing shingle according to claim 1, wherein said granules on said first shadow line and said granules on said second shadow line are black granules.

6. (original) A laminated roofing shingle according to claim 1, wherein said first shadow line is generally narrow relative to said second shadow line.

7. (currently amended) A laminated roofing shingle comprising:
an overlay having an underside, a headlap section and a plurality of spaced apart tabs extending from said headlap section, said headlap section having a leading edge, each one of said tabs having a leading edge, an outer surface, a first shadow line and a remaining portion, said first shadow line and said remaining portion being on said outer surface of said tabs, said first shadow line extending from said leading edge of said tabs to said remaining portion of said tabs, said tabs and said leading edge of said headlap section defining openings;

a layer of granules disposed on said first shadow line of said tabs and on said remaining portion of said tabs, ~~said granules on~~ in a manner whereby said first shadow line of said tabs ~~being~~ is substantially darker in color than ~~said granules on~~ said remaining portion of said tabs;

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an underlay attached to said underside of said overlay to cooperatively form said laminated roofing shingle, said underlay having an outer surface, a leading edge, a trailing edge, a second shadow line, and a remaining portion between said leading edge of said underlay and said second shadow line, said leading edge of said underlay generally co-aligning with said leading edge of said tabs, said second shadow line and said remaining portion of said underlay being on said outer surface of said underlay, said second shadow line extending from said trailing edge of said underlay to said remaining portion of said underlay, said underlay having a portion exposed through said openings defined by said tabs and said leading edge of said headlap section, said second shadow line being exposed through said opening and adjacent said leading edge of said headlap section; and

a layer of granules disposed on said underlay, ~~said granules on~~ in a manner whereby said second shadow line of said underlay ~~being~~ is substantially darker than ~~said granules on~~ said remaining portion of said underlay.

8. (original) A laminated roofing shingle according to claim 7, wherein each one of said tabs further has a trailing edge on a side of said remaining portion of said tabs opposite said leading edge of said tabs, and a shadow line on said trailing edge of said tabs, said granules on said first shadow line and said granules on said shadow line on said trailing edge of said tabs being substantially uniform in color, said shadow line on said trailing edge of said tabs being generally narrow relative to said shadow line on said trailing edge of said underlay.

9. (original) A laminated roofing shingle according to claim 7, wherein said overlay and said underlay are each formed from a base material comprising a fiberglass mat that has been coated with asphalt.

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10. (original) A laminated roofing shingle according to claim 7, wherein said granules on said first shadow line and said granules on said second shadow line are black granules.

11. (original) A laminated roofing shingle according to claim 7, wherein said first shadow line is generally narrow relative to said second shadow line.

12. (currently amended) A method of making laminated roofing shingle having an overlay and an underlay formed from a base material having an outer surface and an undersurface, the overlay having tabs and openings defined adjacent the tabs, the tabs having leading edges, the underlay having a trailing edge, said method comprising the steps of:

- (a) coating a base material to produce a coated base material;
- (b) forming a granule-covered sheet by applying a layer of granules to the outer surface of the coated base material so as to apply darker granules to portions of the base material corresponding to the leading edge of the tabs of the resultant laminated shingle and on the trailing edge of the underlay of the resultant laminated shingle and apply lighter colored granules to remaining portions of the tabs and the underlay so that the leading edge of the tabs and the trailing edge of the underlay are generally darker in color than the remaining portions of the tabs and the underlay; and
- (c) cutting the granule covered sheet to form the overlay of the resultant laminated shingle and the underlay of the resultant laminated shingle.

13. (original) A method according to claim 12, wherein said base material is a fiberglass mat comprising glass fibers and void spaces between the glass fibers and said coating steps includes coating the glass fibers and filling the void spaces between the glass fibers.

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14. (original) A method according to claim 13, wherein said coating is an asphalt coating.

15. (original) A method according to claim 14, wherein said coating step further comprises the step of applying inert materials to the undersurface of the coated fiberglass mat to make the undersurface non-tacky.

16. (original) A method according to claim 14, wherein said coating step further comprises the step of applying powdered limestone to the undersurface of the fiberglass mat to make the undersurface non-tacky.

17. (original) A method according to claim 12, wherein said cutting step further comprises the steps of:

(a) cutting the granule covered sheet into two overlapping horizontal lanes, each lane having a width corresponding to the width of the overlay of the resultant laminated shingle; and

(b) cutting the base material laterally at lengths corresponding to the length of the overlay of the resultant laminated shingle.

18. (original) A method according to claim 16, wherein said cutting step further includes cutting the base material along a pattern to produce tabs and openings of the overlays of the resultant laminated shingle of two side-by-side overlays, wherein each overlay is complementary to the other overlay.

19. (original) A method according to claim 12, wherein said cutting step further comprises the steps of:

(a) cutting the granule covered sheet into four horizontal lanes including two overlapping inner lanes each having a width corresponding to the width of the overlay

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of the resultant laminated shingle and two outer lanes each having a width corresponding to the width of the underlay of the resultant laminated shingle; and

(b) cutting the granule covered sheet laterally at lengths corresponding to the length of the overlay and the underlay of the resultant laminated shingle, the overlay and the underlay being substantially the same length.

20. (original) A method according to claim 18, wherein said cutting step further includes cutting the base material along a pattern to produce tabs and openings of the overlays of the resultant laminated shingle of two side-by-side overlays, wherein each overlay is complementary to the other overlay.

21. (currently amended) A laminated roofing shingle comprising:

an overlay having a tab with a leading edge having granules thereon and a remaining portion having granules thereon, wherein said leading edge ~~granules are~~ is generally darker granules than said remaining portion ~~granules~~; and

an underlay attached to said overlay, said underlay having a shadow line having granules thereon and a remaining portion having granules thereon, wherein said shadow line ~~granules are~~ is generally darker than said underlay remaining portion ~~granules~~.

22. (currently amended) A laminated roofing shingle comprising:

an overlay having a tab with a leading edge, a first shadow line, and a remaining portion, the shadow line being positioned between said leading edge and said remaining portion;

a layer of granules disposed on said first shadow line and on said remaining portion of said tab, ~~said granules on~~ in a manner whereby said first shadow line ~~being~~ is generally darker in color than said granules on said remaining portion;

an underlay attached to said underside of said overlay to cooperatively form said laminated roofing shingle, said underlay having a leading edge, a second shadow

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line, and a remaining portion between said leading edge of said underlay and said second shadow line, said leading edge of said underlay generally co-aligning with said leading edge of said tab, said underlay having an exposed portion; and

a layer of granules disposed on said underlay, ~~said granules on~~ in a manner whereby said second shadow line of said underlay ~~being~~ is generally darker than said ~~granules on~~ said remaining portion of said underlay.

23. (currently amended) A laminated roofing shingle comprising:

an overlay having a tab with a leading edge, a first shadow line, and a remaining portion, the shadow line being positioned between said leading edge and said remaining portion;

a layer of granules disposed on said first shadow line and on said remaining portion of said tab, ~~said granules on~~ in a manner whereby said first shadow line ~~being~~ is a different color or shade than said ~~granules on~~ said remaining portion;

an underlay attached to said underside of said overlay to cooperatively form said laminated roofing shingle, said underlay having a leading edge, a second shadow line, and a remaining portion between said leading edge of said underlay and said second shadow line, said leading edge of said underlay generally co-aligning with said leading edge of said tab, said underlay having an exposed portion; and

a layer of granules disposed on said underlay, ~~said granules on~~ in a manner whereby said second shadow line of said underlay ~~being~~ is a different color or shade than said ~~granules on~~ said remaining portion of said underlay.

24. (currently amended) A laminated shingle having a headlap section and a butt section, comprising:

an overlay having a tab in said butt section, said tab having an outer surface with a trailing edge adjacent said headlap section and a leading edge spaced from said trailing edge, said tab having a width;

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an underlay attached to an underside of said overlay, said underlay having an outer surface, said underlay outer surface positioned adjacent said tab with a trailing edge adjacent said headlap section and a leading edge spaced from said trailing edge; and

first colored granules adhered to said outer surface of said tab adjacent said leading edge of said tab to produce a first colored portion;

second colored granules adhered to said outer surface of said tab separated from said leading edge of said tab by said first colored granules, said second colored granules having a different coloration or shade than said first colored granules to produce a second colored portion that is a different coloration or shade than said first colored portion;

third colored granules adhered to said trailing edge of said outer surface of said underlay to provide a third colored portion; and

fourth colored granules adhered adjacent said leading edge of said outer surface of said underlay having a different coloration or shade than said third colored granules to produce a fourth colored portion that is a different coloration or shade than said third colored portion.

25. (previously presented) A laminated shingle according to claim 24, further comprising fifth colored granules adhered to said outer surface of said tab separated from said first colored granules by said second colored granules, said fifth colored granules having a different coloration or shade than said second colored granules.

26. (previously presented) A laminated shingle according to claim 24, wherein said first colored granules form a shadow line adjacent said leading edge of said tab across substantially said entire width of said tab.

27. (previously presented) A laminated shingle according to claim 26, wherein said first colored granules comprise darker granules than said second colored granules.

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28. (previously presented) A laminated shingle according to claim 27, wherein said first colored granules comprise black colored granules.

29. (previously presented) A laminated shingle according to claim 24, wherein said third colored granules form a shadow line adjacent said trailing edge of said outer surface of said underlay.

30. (previously presented) A laminated shingle according to claim 29, wherein said third colored granules comprise darker granules than said fourth colored granules.

31. (previously presented) A laminated shingle according to claim 30, wherein said first and third colored granules comprise black colored granules.

32. (previously presented) A laminated shingle according to claim 31, further comprising a second tab, said second tab adjacent said outer surface of said underlay, said second tab having sixth colored granules forming a shadow line adjacent a leading edge of said second tab.

33. (previously presented) A laminated shingle according to claim 32, further comprising fifth colored granules adhered to said outer surface of each of said tabs separated from said first and sixth colored granules by said second colored granules, said fifth colored granules having a different coloration or shade than said second colored granules and forming a fourth shadow line adjacent said headlap section.

34. (previously presented) A method of making a laminated roofing shingle having an overlay and an underlay formed from a base material having an outer surface and an undersurface, said overlay having a tab, said tab having a leading edge, said underlay having a trailing edge, said method comprising said steps of:

- (a) coating a base material to produce a coated base material;

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(b) forming a granule-covered sheet by applying a layer of granules to the outer surface of the coated base material so as to apply granules of one color or shade to portions of the base material corresponding to the leading edge of the tab of the resultant laminated shingle and to the trailing edge of the underlay of the resultant laminated shingle and apply granules of a different color or shade to adjacent portions of the tab and the underlay; and

(c) cutting the granule covered sheet to form the overlay of the resultant laminated shingle and the underlay of the resultant laminated shingle.

35. (previously presented) A method according to claim 34, wherein the base material is a fiberglass mat comprising glass fibers and void spaces between the glass fibers and said coating step includes coating the glass fibers and filling the void spaces between the glass fibers.

36. (previously presented) A method according to claim 35, wherein the coating is an asphalt coating.

37. (previously presented) A method according to claim 36, wherein said coating step further comprises the step of applying inert materials to the undersurface of the coated fiberglass mat to make the undersurface non-tacky.

38. (previously presented) A method according to claim 35, wherein said coating step further comprises the step of applying powdered limestone to the undersurface of the fiberglass mat to make the undersurface non-tacky.

39. (previously presented) A method according to claim 38, wherein said cutting step further includes cutting the base material along a pattern to produce a plurality of tabs and openings of the overlays of the resultant laminated shingle of two side-by-side overlays, wherein each overlay is complementary to the other overlay.

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40. (previously presented) A method according to claim 39, wherein said cutting step further includes cutting the base material along a pattern to produce a plurality of tabs and openings of the overlays of the resultant laminated shingle of two side-by-side overlays, wherein each overlay is complementary to the other overlay.

41. (previously presented) A method according to claim 34, wherein said cutting step further comprises the steps of:

(a) cutting the granule covered sheet into two overlapping horizontal lanes, each lane having a width corresponding to the width of the overlay of the resultant laminated shingle; and

(b) cutting the base material laterally at lengths corresponding to the length of the overlay of the resultant laminated shingle.

42. (previously presented) A method according to claim 34, wherein said cutting step further comprises the steps of:

(a) cutting the granule covered sheet into four horizontal lanes including two overlapping inner lanes each having a width corresponding to the width of the overlay of the resultant laminated shingle and two outer lanes each having a width corresponding to the width of the underlay of the resultant laminated shingle; and

(b) cutting the granule covered sheet laterally at lengths corresponding to the length of the overlay and the underlay of the resultant laminated shingle, the overlay and the underlay being substantially the same length.

43. (previously presented) A method according to claim 34, further comprising said step of applying granules of the first color or shade to portions of the base material corresponding to the tab and spaced from the leading edge of the tab and separated from the granules applied to the leading edge of the tab by the granules of the second color.

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44. (previously presented) A method according to claim 34, wherein the first granules form a dark shadow line adjacent the leading edge of the tab and the trailing edge of the underlay.

45. (previously presented) A method according to claim 44, wherein the first granules form a dark shadow line adjacent the leading edge of the tab, the trailing edge of the underlay, and a trailing edge of the tab spaced from the leading edge of the tab.